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December 29, 2003

ATTORNEY DOCKET NO.: INTEL1160 (P15620)

ATTN: MAIL STOP PATENT APPLICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is the new Utility patent application of:

APPLICANTS: **TAE-WOONG KOO and SELENA CHAN**

TITLE: **METHODS AND COMPOSITIONS FOR NUCLEIC ACID
DETECTION AND SEQUENCE ANALYSIS**

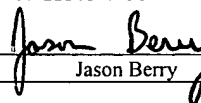
Enclosed are the following papers, including all those required to receive a filing date under
37 CFR § 1.53(b):

Number of Pages

Specification	54
Claims	5
Abstract	1
Declaration	6
Drawing(s) – [formal]	2

“EXPRESS MAIL” Mailing Label Number: EV 318 740 751 US
Date of Deposit: December 29, 2003

I hereby certify under 37 CFR§ 1.10 that this correspondence is
being deposited with the United States Postal Service as “**Express
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Application, Commissioner for Patents, P.O. Box 1450,
Alexandria, VA 22313-1450.


Jason Berry

ATTORNEY DOCKET NO.: INTEL1160 (P15618)

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Enclosure(s):

- Application Data Sheet (2 pages)
- Check No. 550177 in the amount of \$1,022.00
- Return Receipt Postcard
- Sequence Listing including:
 - Paper containing Sequence Listing (1 page)
 - Disk containing sequence listing
 - Verified Statement Under 37 C.F.R. § 1.821(f) (1 page)
 - Statement Under 37 C.F.R. §§ 1.821(f) (1 page)

Applicant(s) claim **LARGE ENTITY** status in the above-identified application.

The filing fee is calculated as follows:

	Number Filed		Number Extra		Rate			Fee	
					Large Entity	Small Entity		Large Entity	Small Entity
Total Claims	34-20	=	14	X	\$18	\$09	=	\$252.00	\$ 0.00
Independent Claims	3 -3	=	1	X	\$86	\$43	=	\$ 0.00	\$ 0.00
Multiple Dependent Claims Presented: ___ Yes <u>X</u> No					\$280	\$140		\$ 0.00	\$ 0.00
					BASIC FEE			\$770.00	\$385.00
					TOTAL FEE			\$1022.00	\$00

Check No. 550177 is enclosed as payment of the **FILING FEE**. The Commissioner is hereby authorized to apply any other required fees or any credits to Deposit Account No. 50-1355, referencing the attorney docket number shown above. A copy of this Transmittal Sheet is enclosed.

GRAY CARY WARE & FREIDENRICH LLP

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If this application is found to be INCOMPLETE, or if a telephone conference would otherwise be helpful, please call the undersigned at (858) 677-1456.

A duplicate copy of this letter is enclosed. Kindly acknowledge receipt of this application by returning the enclosed postcard.

All future correspondence should be addressed to:

Lisa A. Haile, J.D., Ph.D.

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Respectfully submitted,

GRAY CARY WARE & FREIDENRICH LLP



Lisa A. Haile, J.D., Ph.D.

Registration No. 38,347

December 29, 2003

Date

LAH/EJV/kdl

Enclosures